

Summary of Citations

**American Xtal Technology
4311 Solar Way, Fremont, CA
May 2000**

<u>Cite</u>	<u>T8 CCR</u>	<u>Violation</u>	<u>Penalty</u>	<u>Abate</u>
<u>General</u>				
1-1	5214 (j)(5)	No written arsenic housekeeping and maintenance plan	\$560	30 days
1-2	5214 (j)(1)	Inadequate housekeeping resulting in arsenic contamination of work areas	\$560	3 days
1-3	5214 (j)(6)	LEV for machine tools used on arsenic ingots not cleaned, tested	\$700	10 days
1-4	5194 (f)(4)	Arsenic-containing waste cans, other containers not labeled as required	\$420	1 day
1-5	5192 (p)(1)	No written health & safety plan for waste treatment operations	\$420	30 days
1-6	3273 (a)	Uneven floor trip hazards in Waste Treatment Dept.	\$375	10 days
1-7	5157 (c)(4)	Written confined space program for waste treatment area pit incomplete	\$280	10 days
1-8	5157 (c)(7)(C)	No documentation of confined space reclassification in waste treatment area	\$420	10 days
1-9	3203 (a)	IIP program not fully implemented	\$560	30 days
1-10	3220 (b)	EAP text incomplete	\$375	30 days
1-11	6151 (a)/(g)	Fire extinguisher use policy unclear; employee training not done	\$280	10 days
1-12	3314 (f)	Written lockout/tagout program incomplete	\$560	10 days
1-13	3314 (h)	Lockout/tagout audit and training not conducted	\$560	10 days
1-14	4848 (a)	No written welding/cutting fire prevention and suppression plan	\$420	30 days
1-15	5154.1 (c)	Laboratory hood face velocities below required flow rate	\$280	10 days
1-16	5154.1 (e)(3)	Laboratory hood flow rates not tested; flow indicators not present	\$375	10 days
1-17	5162 (c)	Access to emergency eyewash blocked (Polysynthesis Dept.)	\$420	1 day
1-18	2340.16 (b)	Blocked access to electrical panels in two locations	\$420	1 day
1-19	2340.23	Opening to energized electrical part in panel box (Slicing Dept.)	\$420	1 day

1-20	3368 (b)	Food and beverages stored in area contaminated with arsenic	\$420	1 day
1-21	2500.10 (a)	Flexible cords used in lieu of permanent wiring	\$280	3 days
1-22	6151 (e)(3)	Fire extinguisher in pit area of Waste Treatment Dept. not charged	\$280	3 days
1-23	3328 (a)	Drill press in Maintenance Dept. not secured to floor	\$420	3 days
1-24	3241 (c)	Storage racks in Maintenance Dept. not secured against falling or tipping	\$420	10 days
<u>Regulatory</u>				
1-27	5214 (o)(1)	Arsenic monitoring records did not contain all required information	\$750 *	30 days
1-28	14301 (b)	OSHA Log 200 not completed as per requirements	\$375	30 days
1-29	14001 (e)	Form 5020 not filed within required time period	\$375	30 days
1-28	461 (a)	Air tanks operated without permit	\$375	30 days
<u>Serious</u>				
2-1	5214 (e)(3)	Arsenic monitoring not performed on required schedule	\$25,000	30 days
3-1	5214 (e)(1)(B)	Arsenic monitoring not conducted for required sample time	\$25,000	1 day
4-1	5214 (e)(5)	Employees not notified in writing of monitoring results	\$25,000	3 days
5-1	5214 (g)(2)	No written compliance plan for control of arsenic exposures	\$25,000	10 days
6-1	5214 (m)(1)	Employee training on arsenic hazards incomplete	\$25,000	10 days
7-1	5192 (p)(7)(B)	Employees in Waste Treatment Dept. not trained as required	\$3,375	10 days
8-1	3314 (a)	Wire saw not locked out during adjustment, repair operations	\$5,060	1 day
9-1	4231 (a)	Circular saws in Polysynthesis and Ingot Processing Dept. not guarded	\$5,060	3 days
10-1	4070 (a)	V-belt below 7 feet on drill press not guarded	\$3,375	3 days
11-1	5164 (a)	Incompatible chemicals stored in Polysynthesis Dept.	\$3,375	1 day
12-1	5474 (c)	Electrical in hydrogen torch area of Polysynthesis not Class 1 – Division 2#	\$5,060	3 days

Willful – General

13-1	5214 (n)(1)(A)	Arsenic medical surveillance program not established	\$11,250**	3 days
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Willful – Serious

14-1	5214 (c)	Employee over-exposure to inorganic arsenic	\$70,000**	1 day
15-1	5214 (f)(1)	Regulated Area not established in areas where measured employee exposures above the PEL	\$70,000**	1 day

Total penalties:	24 General citations	\$10,225
	4 Regulatory citations	\$ 1,875
	11 Serious citations	\$150,305
	3 Willful citations	\$151,250

GRAND TOTAL: \$313,655

* Civil penalty set by T8 CCR 336 and DOSH P&P C-10, Section B.1.c

** Civil penalty set by T8 CCR 336 and DOSH P&P C-10, Section B.5

Previously cited in 1995 at employer's prior location in Dublin, CA

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